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Roaming + Binding + Gateway + ("Home agent" OR "HA") + ("Foreign agent" OR "Visit...)

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### Design and Implementation of a WLAN/CDMA2000 - ►nlust.edu.tw [PDF]

MM Buddhikot, G Chandranmenon, S Han, YW Lee, S ... - IEEE Communications Magazine, 2003 - [ieeexplore.ieee.org](#)

... WLAN hotspot, interoperate through roaming agreements with ... it has successfully authenticated with the gateway. ... its HA, creating the binding Bind: HoA → CoA ...

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### A gateway approach to mobility integration of GPRS and wireless LANs

JC Chen, HW Lin - Wireless Communications, IEEE [see also IEEE Personal ...], 2005 - [ieeexplore.ieee.org](#)

... the new location of the MS after roaming into a ... alone or as an addition to the gateway GGSN, which ... the GW should function as both home agent (HA) and foreign ...

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### Integration of GPRS and Wireless LANs with Multimedia Applications - ►192.16.125.103 [PDF]

HW Lin, JC Chen, MC Jiang, CY Huang - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer

... be intercepted and tunneled by HA (the gateway) to WLANs ... packets from CN again after the binding update in ... After roaming to WLAN, the traffic is conditioned by ...

Cited by 11 - Related articles - Web Search - BL Direct - All 8 versions

### [PDF] ►Design and Implementation of a WLAN/CDMA2000 Interworking Architecture

MM Buddhikot, G Chandranmenon, S Han, YW Lee, S ... - IEEE Communications Magazine, 2003 - [cse.cuhk.edu.hk](#)

... own public WLAN hot-spot, inter-operate through roaming agreements with ... Bind: HoA→CoA2 HoA ... WLAN gateway and (2) Intelligent interface selection at the client ...

Cited by 12 - Web Search

### [PDF] ►Mobility management techniques for the next generation wireless networks

JZ Sun, D Howie, J Sauvola - Proc. of SPIE, Wireless and Mobile Communications, 2001 - [mediatteam.cuhk.hk](#)

... from one link to another by freely roaming with its ... The previous FA then updates its binding cache and re ... kind of foreign agent called Gateway Foreign Agent (GFA ...

Cited by 11 - Related articles - View as HTML - Web Search - All 6 versions

### [PDF] ►Mobile Internet Router for Multihop Ad hoc Networks

S Aust, D Proetel, C Görg, C Pampu, AG Siemens - 6th International Symposium on Wireless Personal Multimedia ...], 2003 - [iponair.de](#)

... AODV ad hoc implementation and supports gateway discovery ... provides mobility capabilities in terms of roaming be- tween ... the Mobile Node sends a binding update to ...

Cited by 4 - Related articles - View as HTML - Web Search - All 2 versions

### IEEE 802.11 roaming and authentication in wireless LAN/cellular mobile networks -

►uwaterloo.ca [PDF]

TOC View - Wireless Communications, IEEE [see also IEEE Personal ...], 2004 - [ieeexplore.ieee.org](#)

... hot spot is connected to the Internet through a gateway. ... other to better serve in seamless wireless LAN roaming. ... FA, the HA and FA both update their bindings. ...

Cited by 23 - Related articles - Web Search - BL Direct - All 3 versions

### Mobile IP route optimization method for a carrier-scale IP network

T Ihara, H Ohnishi, Y Takagi - Engineering of Complex Computer Systems, 2000. ICECCS 2000. ... - doi.ieeeecomputersociety.org

... terminal mobility, provide seamless roaming between fixed ... by using its mobile border gateway (MBG) routers. ... the HAs, then the MBG holds the binding information of ...

Cited by 16 - Related articles - Web Search - All 5 versions

### A survey of mobility management in next-generation all-IP-based wireless systems -

► [gatech.edu \(pdf\)](#)

IF Akyildiz, J Xie, S Mohanty - Wireless Communications, IEEE [see also IEEE Personal ..., 2004 - [ieeexplore.ieee.org](#)

... Additional gateways are usually proposed to handle the ... and inter-operating issues when roaming among heteroge ... the CN with out-of-date binding cache entries for ...

Cited by 165 - Related articles - Web Search - BL Direct - All 14 versions

### A mobility management protocol for IP-based cellular networks - ► [montana.edu \(pdf\)](#)

P De Silva, H Sirisena - Wireless Communications, IEEE [see also IEEE Personal ..., 2002 - [ieeexplore.ieee.org](#)

... While roaming, a mobile node (MN) maintains two IP addresses, a permanent ... new subnet agent as well as updating the MN binding in the gateway mobility agent ...

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Key authors: [M Buddhikot](#) - [I Akyildiz](#) - [S Han](#) - [G Chandranmenon](#)... - [Y Lee](#)



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